

SEP 19 2006

SMITH FROHWEIN TEMPEL GREENLEE BLAHA LLC

Two Ravinia Drive, Suite 790
Atlanta, Georgia 30346
Telephone (404) 815-9300
Fax (770) 804-0900Robert A. Blaha
(770) 709-0069 DIRECT DIAL
bblaha@lavagroupplaw.com

IMPORTANT FAX DOCUMENT

DATE September 19, 2006

NAME Mail Stop: Amendment

COMPANY United States Patent and Trademark Office

FAX NUMBER (571) 273-8300

FROM Robert A. Blaha

REFERENCE NO. 10/787,349 10031004-1
01015.0187U1

OUR FAX NUMBER 770-804-0900

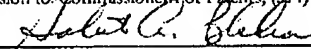
NUMBER OF PAGES 11

Amendment Transmittal (1 page);
Amendment and Remarks (9 pages) for:

Patent Application No. 10/787,349
Buried Heterostructure Device Fabricated by Single Step MOCVD
Examiner: Stahl, Michael J. Art Unit: 2874 Confirmation No.: 4871

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being transmitted via facsimile transmission to: Commissioner For Patents, (571) 273-8300, on the date indicated below.


Robert A. Blaha

September 19, 2006
Date

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SEP 19 2006

ATTORNEY DOCKET NO. 10031004-1

AVAGO TECHNOLOGIES, LTD.
P.O. Box 1920
Denver, Colorado 80201-1920

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): David P. Bour et al.

Serial No.: 10/787,349

Examiner: Stahl, Michael J.

Filing Date: February 25, 2004

Group Art Unit: 2874

Title: Buried Heterostructure Device Fabricated by Single Step MOCVD

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond
☐ New fee as calculated below ☐ Supplemental Declaration
☒ No additional fee (Address envelope to "Mail Stop Amendments")
☐ Other: (Fee \$_____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	11	MINUS	20	= 0	X 50	\$ 0
INDEP. CLAIMS	1	MINUS	3	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 ST MONTH 120.00 <input type="checkbox"/>	2 ND MONTH 450.00 <input type="checkbox"/>	3 RD MONTH 1020.00 <input type="checkbox"/>	4 TH MONTH 1590.00 <input type="checkbox"/>	\$ 0	
OTHER FEES						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$0 to Deposit Account 50-3718. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-3718 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-3718 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

David P. Bour et al.

By

Robert A. Blaha
Attorney/Agent for Applicant(s)

I hereby certify that this paper is being facsimile
transmitted to the Patent and Trademark Office on
the date shown below:

Date of facsimile: September 19, 2006

Typed Name: Robert A. Blaha

Signature:

Reg. No. 43,502

Date: September 19, 2006

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Patent
Application No.: 10/787,349
Avago Docket No.: 10031004-1
Page 1 of 9

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: David P. Bour <i>et al.</i>)	
)	Group Art Unit: 2874
Serial No.: 10/787,349)	
)	Examiner: Stahl, Michael J.
Filed: February 25, 2004)	
)	
For: Buried Heterostructure)	Docket No.: 10031004-1
Device Fabricated By Single Step)	
MOCVD)	Confirmation No.: 4871

SECOND RESPONSE

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Smith Frohwein Tempel Greenlee Blaha LLC
Customer Number 35856

Sir:

In response to the non-final Office Action mailed June 20, 2006, Applicants submit the following Amendments and Remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 4 of this paper.

Remarks begin on page 6 of this paper.

AUTHORIZATION TO DEBIT DEPOSIT ACCOUNT

It is not believed that extensions of time or fees for net addition of claims are required, beyond those, which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Avago Technologies, Ltd. Deposit Account No. 50-3718.

CERTIFICATE OF TRANSMISSION

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Date: September 19, 2006 Robert A. Blaha
Robert A. Blaha